

What is claimed is:

1. A chair comprising a seat portion and a backrest portion, said backrest portion comprising a substantially rigid support member for support of a user's back and a fluid-containing cushion disposed between said user's back and said substantially rigid support member, whereby when a user's back exerts pressure against a portion of said cushion, fluid is moved within said cushion away from the area of greater applied pressure and toward an area of less applied pressure.
2. The chair of claim 1 wherein said cushion comprises two layers of film sealed together about their peripheries.
3. The chair of claim 2 wherein said cushion is hermetically sealed.
4. The chair of claim 1 wherein the cushion is sized and dimensioned to be at least co-extensive with the area of a user's lumbar region.
5. The chair of claim 1 wherein said cushion has a lower region and an upper region, and said cushion comprises one or more channels extending between said lower region and said upper region.
6. The chair of claim 5 wherein said channels are substantially vertical.
7. The chair of claim 5 wherein said channels are in fluid communication with one another.
8. The chair of claim 5 wherein said channels are defined by a plurality of seams in said cushion.
9. The chair of claim 1 wherein said cushion is made of one or more plastic films selected from the group consisting of vinyls, polyurethanes, polyvinyl chlorides, ethylene

vinyl acetates, urethane coated membranes, polyolefins, sarans, and engineered multi-layer films.

10. The chair of claim 2 wherein said seal is formed by a method selected from the group consisting of heat sealing, ultrasonic sealing, RF sealing, and adhesives.

11. The chair of claim 1 wherein said fluid is selected from the group consisting of air, gas or gas mixtures, liquid, and flowable gel.

12. A chair comprising
a seat portion,
a tiltable back rest portion, and
means for providing passive automatically adjustable support of a user's lumber region as said backrest tilts through a range of motion.

13. The chair of claim 12 wherein said means comprises a cushion having at least one chamber, said at least one chamber being partially filled with a fluid, said cushion being disposed within said backrest portion and substantially co-extensive with the lumbar region of a user.

14. The chair of claim 13 wherein said cushion comprises a plurality of chambers extending from a lower region of the cushion to an upper region of the cushion.

15. The chair of claim 14 wherein at least some of said plurality of chambers are in fluid communication with each other.

16. The chair of claim 13 wherein said at least one chamber further comprises means for moderating expansion of said chamber.

17. The chair of claim 16 wherein said means for moderating expansion of said chamber comprises areas of bonding of the walls of said chamber to one another.